



SEQUENCE LISTING

<110> Vasta, Gerardo R.
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Fernandez-Robeldo, Jose A.
Coss, Cathleen A.
Wright, Anita C.

<120> Assay for Perkinsus in Shellfish

<130> 4115-137 CIP

<140> US 09/771,935

<141> 2001-01-30

<150> US 08/900,117

<151> 1997-07-25

<150> US 60/023,345

<151> 1996-07-26

<160> 19

<170> PatentIn version 3.1

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<211> 1150

<212> DNA

<213> Perkinsus marinus

B1

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TC 1700

1150

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<210> 2
 <211> 1550
 <212> DNA
 <213> Perkinsus sp.

<220>
 <221> gene
 <222> (1)..(1550)
 <223> The nucleotide sequence of the NTS of rRNA of P. andrewsi, isolated from Macoma balthica.

B1

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<210> 3
 <211> 1413
 <212> DNA
 <213> Perkinsus sp.

<220>
 <221> gene
 <222> (1)..(1413)
 <223> The nucleotide sequence of the NTS of rRNA of Perkinsus mackini,
 isolated from Mercenaria mercenaria.

B1

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<210> 4
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 <213> Perkinsus marinus

<220>
 <221> misc_feature

<222> (1)..(21)
<223> Forward primer (5'-3').

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21

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<211> 21
<212> DNA
<213> Perkinsus marinus

<220>
<221> misc_feature
<222> (1)..(21)
<223> Reverse primer (5'-3').

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21

<210> 6
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<212> DNA
<213> Perkinsus marinus

<220>
<221> misc_feature
<222> (1)..(20)
<223> Forward primer (5'-3').

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20

<210> 7
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<220>
<221> misc_feature
<222> (1)..(20)
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20

<210> 8
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<212> DNA
<213> Perkinsus atlanticus

<220>
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22

<210> 9

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<220>
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<220>
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24

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<210> 12
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<220>
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 <223> Generic forward primer (5'-3') PER1 for P. marinus, P. atlanticus
 and P. andrewsi.

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19

<210> 13
 <211> 17
 <212> DNA
 <213> Perkinsus sp.

<220>
 <221> misc_feature
 <222> (1)..(17)
 <223> Generic reverse PER2 primer (5'-3') for P. marinus, P. atlanticus

and *P. andrewsi*

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<210> 14
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<212> DNA
<213> *Perkinsus* sp.

<220>
<221> misc_feature
<222> (1)..(22)
<223> Forward SSU3F primer (5'-3') for *P. andrewsi*

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<211> 22
<212> DNA
<213> *Perkinsus* sp.

<220>
<221> misc_feature
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<223> Forward SSU4F primer (5'-3') for *P. andrewsi*

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<213> *Perkinsus* sp.

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<221> misc_feature
<222> (1)..(712)
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<211> 1808
<212> DNA
<213> Perkinsus sp.

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<222> (1)..(1808)
<223> A nucleotide sequence of the SSU rRNA of P. andrewsi

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 <213> Perkinsus atlanticus

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<220>
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<223> Generic forward PER1 primer (5'-3') for P. marinus

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19